

Ana Dopazo

List of Publications by Year in descending order

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61
papers

2,899
citations

186209

28
h-index

175177

52
g-index

64
all docs

64
docs citations

64
times ranked

5600
citing authors

#	ARTICLE	IF	CITATIONS
1	miR-335 orchestrates cell proliferation, migration and differentiation in human mesenchymal stem cells. <i>Cell Death and Differentiation</i> , 2011, 18, 985-995.	5.0	265
2	Overview of the most prevalent hypothalamus-specific mRNAs, as identified by directional tag PCR subtraction.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 8733-8738.	3.3	255
3	Cux1 and Cux2 Regulate Dendritic Branching, Spine Morphology, and Synapses of the Upper Layer Neurons of the Cortex. <i>Neuron</i> , 2010, 66, 523-535.	3.8	247
4	Culture of human mesenchymal stem cells at low oxygen tension improves growth and genetic stability by activating glycolysis. <i>Cell Death and Differentiation</i> , 2012, 19, 743-755.	5.0	230
5	Human mesenchymal stem cell-replicative senescence and oxidative stress are closely linked to aneuploidy. <i>Cell Death and Disease</i> , 2013, 4, e691-e691.	2.7	192
6	The molecular signature of mantle cell lymphoma reveals multiple signals favoring cell survival. <i>Cancer Research</i> , 2003, 63, 8226-32.	0.4	130
7	Identification of Genes Involved in Resistance to Interferon- γ in Cutaneous T-Cell Lymphoma. <i>American Journal of Pathology</i> , 2002, 161, 1825-1837.	1.9	106
8	Human TRIB2 is a repressor of FOXO that contributes to the malignant phenotype of melanoma cells. <i>Oncogene</i> , 2010, 29, 2973-2982.	2.6	85
9	Processing of Agilent microRNA array data. <i>BMC Research Notes</i> , 2010, 3, 18.	0.6	77
10	Estradiol Activates β -Catenin Dependent Transcription in Neurons. <i>PLoS ONE</i> , 2009, 4, e5153.	1.1	71
11	Spatial and Temporal Gene Expression Differences in Core and Periinfarct Areas in Experimental Stroke: A Microarray Analysis. <i>PLoS ONE</i> , 2012, 7, e52121.	1.1	59
12	The native form of FtsA, a septal protein of Escherichia coli, is located in the cytoplasmic membrane. <i>Journal of Bacteriology</i> , 1990, 172, 5097-5102.	1.0	58
13	Growth and molecular profile of lung cancer cells expressing ectopic LKB1: down-regulation of the phosphatidylinositol 3'-phosphate kinase/PTEN pathway. <i>Cancer Research</i> , 2003, 63, 1382-8.	0.4	57
14	Modifications in host cell cytoskeleton structure and function mediated by intracellular HIV-1 Tat protein are greatly dependent on the second coding exon. <i>Nucleic Acids Research</i> , 2010, 38, 3287-3307.	6.5	55
15	Embryological-Origin-Dependent Differences in Homeobox Expression in Adult Aorta. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 1248-1256.	1.1	53
16	DNA Methylation of miR-7 is a Mechanism Involved in Platinum Response through MAFK Overexpression in Cancer Cells. <i>Theranostics</i> , 2017, 7, 4118-4134.	4.6	52
17	Cooperativity of Stress-Responsive Transcription Factors in Core Hypoxia-Inducible Factor Binding Regions. <i>PLoS ONE</i> , 2012, 7, e45708.	1.1	46
18	In vivo phosphoproteomics reveals kinase activity profiles that predict treatment outcome in triple-negative breast cancer. <i>Nature Communications</i> , 2018, 9, 3501.	5.8	45

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19	A novel phosphatidylinositol 3-kinase (PI3K) inhibitor directs a potent FOXO-dependent, p53-independent cell cycle arrest phenotype characterized by the differential induction of a subset of FOXO-regulated genes. <i>Breast Cancer Research</i> , 2014, 16, 482.	2.2	41
20	Understanding cardiovascular disease: a journey through the genome (and what we found there). <i>DMM Disease Models and Mechanisms</i> , 2012, 5, 434-443.	1.2	40
21	The Repression of E2F-1 Is Critical for the Activity of Minerval against Cancer. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 315, 466-474.	1.3	38
22	Large-scale gene expression in bone marrow mesenchymal stem cells: a putative role for COL10A1 in osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, 1880-1885.	0.5	38
23	Aryl hydrocarbon receptor contributes to the MEK/ERK-dependent maintenance of the immature state of human dendritic cells. <i>Blood</i> , 2013, 121, e108-e117.	0.6	37
24	Oxidized Low-Density Lipoprotein Receptor in Lymphocytes Prevents Atherosclerosis and Predicts Subclinical Disease. <i>Circulation</i> , 2019, 139, 243-255.	1.6	36
25	Methotrexate selectively targets human proinflammatory macrophages through a thymidylate synthase/p53 axis. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 2157-2165.	0.5	35
26	Trained immunity induction by the inactivated mucosal vaccine MV130 protects against experimental viral respiratory infections. <i>Cell Reports</i> , 2022, 38, 110184.	2.9	34
27	Transcriptional expression of cis-acting and trans-acting splicing mutations cause autosomal dominant retinitis pigmentosa. <i>Human Mutation</i> , 2008, 29, 869-878.	1.1	31
28	Discovery of New Targets to Control Metastasis in Pancreatic Cancer by Single-cell Transcriptomics Analysis of Circulating Tumor Cells. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 1751-1760.	1.9	31
29	Coupling between DNA replication and cell division mediated by the FtsA protein in <i>Escherichia coli</i> : a pathway independent of the SOS response, the "TER" pathway. <i>Journal of Bacteriology</i> , 1985, 164, 950-953.	1.0	27
30	Formin1 Mediates the Induction of Dendritogenesis and Synaptogenesis by Neurogenin3 in Mouse Hippocampal Neurons. <i>PLoS ONE</i> , 2011, 6, e21825.	1.1	26
31	An amino-proximal domain required for the localization of FtsQ in the cytoplasmic membrane, and for its biological function in <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 1992, 6, 715-722.	1.2	24
32	Codelink: an R package for analysis of GE healthcare gene expression bioarrays. <i>Bioinformatics</i> , 2007, 23, 1168-1169.	1.8	24
33	PGC-1 β Regulates Translocated in Liposarcoma Activity: Role in Oxidative Stress Gene Expression. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 325-337.	2.5	24
34	Chemokines induce axon outgrowth downstream of Hepatocyte Growth Factor and TCF/ β -catenin signaling. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 52.	1.8	23
35	Characterization of host genetic expression patterns in HIV-infected individuals with divergent disease progression. <i>Virology</i> , 2011, 411, 103-112.	1.1	22
36	The novel RUNX3/p33 isoform is induced upon monocyte-derived dendritic cell maturation and downregulates IL-8 expression. <i>Immunobiology</i> , 2010, 215, 812-820.	0.8	19

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37	Primary structure of mouse secretogranin III and its absence from deficient mice. <i>Journal of Molecular Neuroscience</i> , 1993, 4, 225-233.	1.1	17
38	Gene expression analysis of chromosomal regions with gain or loss of genetic material detected by comparative genomic hybridization. <i>Genes Chromosomes and Cancer</i> , 2004, 41, 353-365.	1.5	17
39	Early peroxisome proliferator-activated receptor gamma regulated genes involved in expansion of pancreatic beta cell mass. <i>BMC Medical Genomics</i> , 2011, 4, 86.	0.7	15
40	CSF3R T618I co-occurs with mutations of splicing and epigenetic genes and with a new PIM3 truncated fusion gene in chronic neutrophilic leukemia. <i>Blood Cancer Journal</i> , 2013, 3, e158-e158.	2.8	15
41	Harmine and Piperlongumine Revert TRIB2-Mediated Drug Resistance. <i>Cancers</i> , 2020, 12, 3689.	1.7	14
42	Structural inhibition and reactivation of <i>Escherichia coli</i> septation by elements of the SOS and TER pathways. <i>Journal of Bacteriology</i> , 1987, 169, 1772-1776.	1.0	13
43	Identification of Disease-Relevant Genes for Molecularly-Targeted Drug Discovery. <i>Current Cancer Drug Targets</i> , 2012, 12, 1-13.	0.8	13
44	Genome-Wide Transcriptional and Functional Analysis of Endoglin Isoforms in the Human Promonocytic Cell Line U937. <i>Journal of Cellular Physiology</i> , 2015, 230, 947-958.	2.0	13
45	On the chronology and topography of bacterial cell division. <i>Research in Microbiology</i> , 1991, 142, 253-257.	1.0	12
46	Disease-modifying factors in hereditary angioedema: an RNA expression-based screening. <i>Orphanet Journal of Rare Diseases</i> , 2013, 8, 77.	1.2	12
47	Identification of a peripheral blood gene signature predicting aortic valve calcification. <i>Physiological Genomics</i> , 2020, 52, 563-574.	1.0	11
48	Immune synapse instructs epigenomic and transcriptomic functional reprogramming in dendritic cells. <i>Science Advances</i> , 2021, 7, .	4.7	10
49	AG-NGS: A powerful and user-friendly computing application for the semi-automated preparation of next-generation sequencing libraries using open liquid handling platforms. <i>BioTechniques</i> , 2014, 56, 28-35.	0.8	9
50	Neutrophil subtypes shape HIV-specific CD8 T-cell responses after vaccinia virus infection. <i>Npj Vaccines</i> , 2021, 6, 52.	2.9	6
51	Characterization of mutant alleles of the cell division protein FtsA, a regulator and structural component of the <i>Escherichia coli</i> septator. <i>Biochimie</i> , 1994, 76, 1071-1074.	1.3	4
52	Position-dependent expression of GADD45 in rat brain tumours. <i>Medical Oncology</i> , 2007, 24, 436-444.	1.2	3
53	Progress and challenges in developing a molecular diagnostic test for neurofibromatosis type 1. <i>Expert Review of Molecular Diagnostics</i> , 2011, 11, 671-673.	1.5	3
54	5-gene differential expression predicts stability of human intestinal allografts. <i>Experimental and Molecular Pathology</i> , 2017, 103, 163-171.	0.9	3

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55	Insights into Global Mechanisms and Disease by Gene Expression Profiling. <i>Methods in Molecular Biology</i> , 2011, 719, 269-298.	0.4	2
56	Automatic Genomics: a user-friendly program for the automatic designing and plate loading of medium-throughput qPCR experiments. <i>BioTechniques</i> , 2011, 50, 46-50.	0.8	2
57	Differential leucocyte RNA expression in the coronary arteries compared to systemic circulation discriminates between patients with and those without coronary artery disease. <i>Clínica e Investigación en Arteriosclerosis</i> , 2017, 29, 60-66.	0.4	2
58	AG-NGS: A powerful and user-friendly computing application for the semi-automated preparation of next-generation sequencing libraries using open liquid handling platforms. <i>BioTechniques</i> , 2017, 62, xvi.	0.8	1
59	Modifications in host cell structure and functions mediated by Tat intracellular expression are greatly dependent on the second exon. <i>Retrovirology</i> , 2009, 6, .	0.9	0
60	Guest Commentary on Chapter 4: Integrative Approaches to Genotype-Phenotype Association Discovery. , 0, , 73-76.		0
61	Technologies to Study Genetics and Molecular Pathways. , 2016, , 251-269.		0